

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1208DXJ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

| | | | |
|------|----|--------|--|
| NEWS | 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS | 2 | Apr 08 | "Ask CAS" for self-help around the clock |
| NEWS | 3 | Apr 09 | BEILSTEIN: Reload and Implementation of a New Subject Area |
| NEWS | 4 | Apr 09 | ZDB will be removed from STN |
| NEWS | 5 | Apr 19 | US Patent Applications available in IFICDB, IFIPAT, and IFIUDB |
| NEWS | 6 | Apr 22 | Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS |
| NEWS | 7 | Apr 22 | BIOSIS Gene Names now available in TOXCENTER |
| NEWS | 8 | Apr 22 | Federal Research in Progress (FEDRIP) now available |
| NEWS | 9 | Jun 03 | New e-mail delivery for search results now available |
| NEWS | 10 | Jun 10 | MEDLINE Reload |
| NEWS | 11 | Jun 10 | PCTFULL has been reloaded |
| NEWS | 12 | Jul 02 | FOREGE no longer contains STANDARDS file segment |
| NEWS | 13 | Jul 22 | USAN to be reloaded July 28, 2002; saved answer sets no longer valid |
| NEWS | 14 | Jul 29 | Enhanced polymer searching in REGISTRY |
| NEWS | 15 | Jul 30 | NETFIRST to be removed from STN |
| NEWS | 16 | Aug 08 | CANCERLIT reload |
| NEWS | 17 | Aug 08 | PHARMAMarketLetter(PHARMAML) - new on STN |
| NEWS | 18 | Aug 08 | NTIS has been reloaded and enhanced |
| NEWS | 19 | Aug 19 | Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN |
| NEWS | 20 | Aug 19 | IFIPAT, IFICDB, and IFIUDB have been reloaded |
| NEWS | 21 | Aug 19 | The MEDLINE file segment of TOXCENTER has been reloaded |
| NEWS | 22 | Aug 26 | Sequence searching in REGISTRY enhanced |
| NEWS | 23 | Sep 03 | JAPIO has been reloaded and enhanced |
| NEWS | 24 | Sep 16 | Experimental properties added to the REGISTRY file |
| NEWS | 25 | Sep 16 | CA Section Thesaurus available in CAPLUS and CA |
| NEWS | 26 | Oct 01 | CASREACT Enriched with Reactions from 1907 to 1985 |
| NEWS | 27 | Oct 21 | EVENTLINE has been reloaded |
| NEWS | 28 | Oct 24 | BEILSTEIN adds new search fields |
| NEWS | 29 | Oct 24 | Nutraceuticals International (NUTRACEUT) now available on STN |
| NEWS | 30 | Oct 25 | MEDLINE SDI run of October 8, 2002 |
| NEWS | 31 | Nov 18 | DKILIT has been renamed APOLLIT |
| NEWS | 32 | Nov 25 | More calculated properties added to REGISTRY |
| NEWS | 33 | Dec 02 | TIBKAT will be removed from STN |
| NEWS | 34 | Dec 04 | CSA files on STN |
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| NEWS | 37 | Dec 17 | Adis Clinical Trials Insight now available on STN |
| NEWS | 38 | Dec 30 | ISMEC no longer available |
| NEWS | 39 | Jan 21 | NUTRACEUT offering one free connect hour in February 2003 |
| NEWS | 40 | Jan 21 | PHARMAML offering one free connect hour in February 2003 |
| NEWS | 41 | Jan 29 | Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC |
| NEWS | 42 | Feb 13 | CANCERLIT is no longer being updated |
| NEWS | 43 | Feb 24 | METADEX enhancements |
| NEWS | 44 | Feb 24 | PCTGEN now available on STN |
| NEWS | 45 | Feb 24 | TEMA now available on STN |
| NEWS | 46 | Feb 26 | NTIS now allows simultaneous left and right truncation |
| NEWS | 47 | Feb 26 | PCTFULL now contains images |

NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 49 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 50 Mar 20 EVENTLINE will be removed from STN
NEWS 51 Mar 24 PATDPAFULL now available on STN
NEWS 52 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 53 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:12:21 ON 26 MAR 2003

=> fil reg

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 0.21 | 0.21 |

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:12:26 ON 26 MAR 2003

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STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2017 AND 2006

L1 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\09978454.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

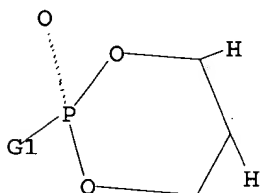
L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 2017 AND 2006

L2 STR



G1 C,O,N

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s l3

SAMPLE SEARCH INITIATED 09:12:42 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 119 TO ITERATE

100.0% PROCESSED 119 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1726 TO 3034

PROJECTED ANSWERS: 4 TO 200

L4 4 SEA SSS SAM L2 AND L1

=> s l3 full

FULL SEARCH INITIATED 09:12:49 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2093 TO ITERATE

100.0% PROCESSED 2093 ITERATIONS

87 ANSWERS

SEARCH TIME: 00.00.01

L5 87 SEA SSS FUL L2 AND L1

=> d lc

<C

09/978,454

Page 4

L5 ANSWER 1 OF 87 REGISTRY COPYRIGHT 2003 ACS
LC STN Files: CA, CAPLUS, TOXCENTER

<C

09/978,454

Page 5

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

149.83

150.04

FILE 'MEDLINE' ENTERED AT 09:13:00 ON 26 MAR 2003

FILE 'CAPLUS' ENTERED AT 09:13:00 ON 26 MAR 2003

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FILE 'USPATFULL' ENTERED AT 09:13:00 ON 26 MAR 2003

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FILE 'EMBASE' ENTERED AT 09:13:00 ON 26 MAR 2003

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=> s 15

L6

61 L5

=> dup rem 15

DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.

FILE 'REGISTRY' ENTERED AT 09:13:13 ON 26 MAR 2003
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TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf
PROCESSING COMPLETED FOR L5

L7 87 DUP REM L5 (0 DUPLICATES REMOVED)

<C

09/978,454

Page 7

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

161.47

FILE 'MEDLINE' ENTERED AT 09:13:37 ON 26 MAR 2003

FILE 'CAPLUS' ENTERED AT 09:13:37 ON 26 MAR 2003

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=> s l5

L8 61 L5

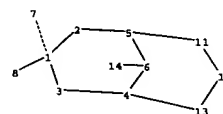
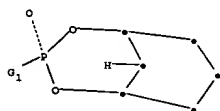
=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 58 DUP REM L8 (3 DUPLICATES REMOVED)

=> d ibib ab hitstr 1-

YOU HAVE REQUESTED DATA FROM 58 ANSWERS - CONTINUE? Y/(N):y



chain nodes :

7 8 14

ring nodes :

1 2 3 4 5 6 11 12 13

chain bonds :

1-7 1-8 6-14

ring bonds :

1-2 1-3 2-5 3-4 4-6 4-13 5-6 5-11 11-12 12-13

exact/norm bonds :

1-7 1-8

exact bonds :

1-2 1-3 2-5 3-4 4-6 4-13 5-6 5-11 6-14 11-12 12-13

isolated ring systems :

containing 1 :

G1:C,O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:CLASS 12:Atom
13:Atom 14:CLASS

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1208DXJ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:51:58 ON 26 MAR 2003

=> fil reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 09:52:21 ON 26 MAR 2003

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STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2006 AND 2017

L1 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\099784542.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

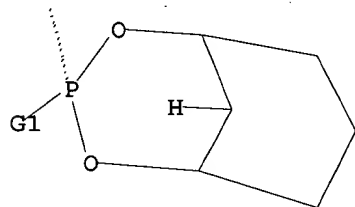
L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 2006 AND 2017

L2 STR



G1 C,O,N

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s l3

SAMPLE SEARCH INITIATED 09:53:41 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2 TO 124

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> s l3 full

FULL SEARCH INITIATED 09:53:46 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

L5 3 SEA SSS FUL L2 AND L1

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.95

149.16

FILE 'MEDLINE' ENTERED AT 09:53:52 ON 26 MAR 2003

FILE 'CAPLUS' ENTERED AT 09:53:52 ON 26 MAR 2003

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FILE 'USPATFULL' ENTERED AT 09:53:52 ON 26 MAR 2003

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=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.07

153.23

FILE 'REGISTRY' ENTERED AT 09:53:56 ON 26 MAR 2003

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STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d 15 lc 1-

YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

<C

09/978,454

Page 5

L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS
LC STN Files: CA, CAPLUS

L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS
LC STN Files: CA, CAPLUS

L5 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS
LC STN Files: CA, CAPLUS

<C

09/978,454

Page 6

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.44

158.67

FILE 'MEDLINE' ENTERED AT 09:54:16 ON 26 MAR 2003

FILE 'CAPLUS' ENTERED AT 09:54:16 ON 26 MAR 2003

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FILE 'EMBASE' ENTERED AT 09:54:16 ON 26 MAR 2003

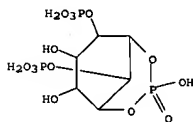
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=> s l5

L6 1 L5

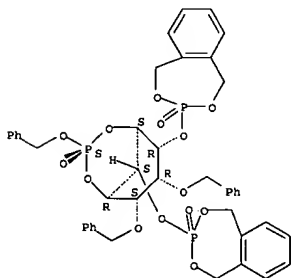
=> d ibib ab hitstr

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:317137 CAPLUS
 DOCUMENT NUMBER: 129:81900
 TITLE: Synthesis of myo-inositol 4,6-cyclic,1,5-trisphosphate, a conformationally restricted analog of myo-inositol 1,4,5-trisphosphate
 AUTHOR(S): Ballereau, Stephanie; Poirier, Stephane N.; Guillemette, Gaetan; Spiess, Bernard; Schlewer, Gilbert
 CORPORATE SOURCE: Laboratoire de Pharmacochimie de la Communication Cellulaire ERS 655 du CNRS, Faculté de Pharmacie, Illkirch, 67401, Fr.
 SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1998), (11), 1859-1864
 CODEN: JCPRB4; ISSN: 0300-922X
 PUBLISHER: Royal Society of Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Myo-Inositol 4,6-cyclic,1,5-trisphosphate (I) has been prepd. starting from myo-inositol. The suitably protected intermediates, obtained by judicious selective protections and deprotections, have been phosphorylated. Final one-pot deprotection gives the expected, conformationally restricted, analog of myo-inositol 1,4,5-trisphosphate. The physico-chem. behavior of this deriv. could explain its biol. inactivity. No competitive inhibition of [3H]Ins(1,4,5)P3 binding was obsd. with I at 10-11-10-5 M.
 IT 209068-74-6P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (synthesis of myo-inositol 4,6-cyclic,1,5-trisphosphate, a conformationally restricted analog of myo-inositol 1,4,5-trisphosphate)
 RN 209068-74-6 CAPLUS
 CN myo-Inositol, cyclic 4,6-(hydrogen phosphate) 1,5-bis(dihydrogen phosphate) (9CI) (CA INDEX NAME)



IT 209068-90-6P 209068-92-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (synthesis of myo-inositol 4,6-cyclic,1,5-trisphosphate, a conformationally restricted analog of myo-inositol 1,4,5-trisphosphate)

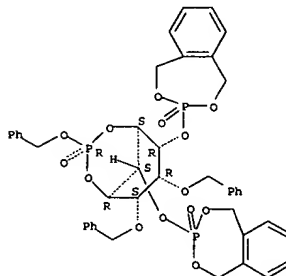
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)
 RN 209068-90-6 CAPLUS
 CN D-myo-Inositol, 1,5-bis-O-(1,5-dihydro-3-oxido-2,4,3-benzodioxaphosphepin-3-yl)-2,3-bis-O-(phenylmethyl)-, cyclic (R)-phenylmethyl phosphate, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 209068-92-8 CAPLUS
 CN D-myo-Inositol, 1,5-bis-O-(1,5-dihydro-3-oxido-2,4,3-benzodioxaphosphepin-3-yl)-2,3-bis-O-(phenylmethyl)-, cyclic (S)-phenylmethyl phosphate, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

<C

09/978,454

Page 8

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.84

167.51

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.65

-0.65

FILE 'REGISTRY' ENTERED AT 09:55:43 ON 26 MAR 2003

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STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

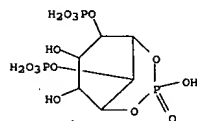
TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

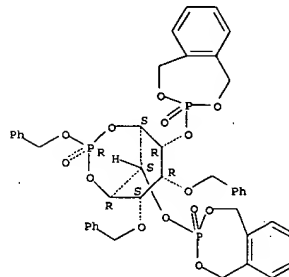
Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27. Searching Properties

L5 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN myo-Inositol, cyclic 4,6-(hydrogen phosphate) 1,5-bis(dihydrogen phosphate) (9CI)
 MF C6 H13 O14 P3



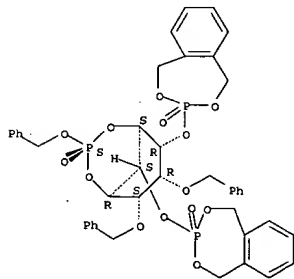
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L5 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN D-myo-Inositol, 1,5-bis-O-(1,5-dihydro-3-oxido-2,4,3-benzodioxaphosphepin-3-yl)-2,3-bis-O-(phenylmethyl)-, cyclic (R)-phenylmethyl phosphate, rel- (9CI)
 MF C43 H43 O14 P3
 Relative stereochemistry.



L5 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN D-myo-Inositol, 1,5-bis-O-(1,5-dihydro-3-oxido-2,4,3-benzodioxaphosphepin-3-yl)-2,3-bis-O-(phenylmethyl)-, cyclic (S)-phenylmethyl phosphate, rel- (9CI)
 MF C43 H43 O14 P3

Relative stereochemistry.



ALL ANSWERS HAVE BEEN SCANNED